

MAGNA Q-43 is a chemically balanced quaternary ammonium compound with a wide range of germicidal activities. It is effective against a broad spectrum of bacteria, and is virucidal and fungicidal, including effectiveness against many common infectious agents which are pathogenic to poultry and animals at dilutions of 0.5 oz. per gallon of water (1:256) using the official AOAC Use Dilution method.

Cross-contamination in the hatchery is a major problem. **MAGNA Q-43** has been formulated to aid in the reduction of cross-contamination in the hatcheries.

MAGNA Q-43 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed.

MAGNA Q-43 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces. When used as directed, **MAGNA Q-43** will deodorize surfaces in hatchery areas, egg holding rooms, wash rooms, poultry houses, laboratory animal facilities, swine facilities and other places where bacterial growth can cause malodors and be considered a source of infection.

Precautionary Statements
Hazard to Humans
and Domestic Animals,
DANGER

Keep Out of Reach of Children. Corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed or absorbed through skin. Avoid contamination of food.

Storage and Disposal

- Do not contaminate water, food, or feed by storage or disposal
- Do not store on side
- Avoid creasing or impacting of side walls

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(If container is 1 gallon or less, use this container disposal statement.)

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

Made in the USA

MAGNA Q-43

Disinfectant-Cleaner-Sanitizer-Fungicide
Mildewstat-Virucide*-Deodorizer

for

Hatcheries, Poultry and Animal Facilities

Active Ingredients

Octyl Decyl Dimethyl Ammonium Chloride	6.510%
Dioctyl Dimethyl Ammonium Chloride	3.255%
Didecyl Dimethyl Ammonium Chloride	3.255%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	8.680%

Inert Ingredients

78.300%
100.000%

ACCEPTED

APR 1 1986

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before re-wearing.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

SEE LEFT PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

EPA Registration No.

EPA Establishment No.

52779-NC-01

Net Contents

FOR SALE, FOR USE, AND STORAGE BY
MAINTENANCE PERSONNEL ONLY

MANUFACTURED BY:

ABRAM PHARMACEUTICAL, INC.

P.O. Box 13588 • Research Triangle Park, N.C. 27709

Biotechnology for the Future

DIRECTIONS FOR USE

It is a violation of Federal Law to use
this product in a manner
inconsistent with its labeling.

MAGNA Q-43 is a proven "one-step" disinfectant-cleaner-sanitizer-fungicide-mildewstat-virucide which is effective in water up to 400 ppm hardness in the presence of 5% organic contamination.

Apply **MAGNA Q-43** to walls, floors and other hard (inanimate) non-porous surfaces such as incubators, hatches, trays, buggies, equipment, tables, countertops, sinks, tile, porcelain with a brush, cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Disinfection. To disinfect hard, non-porous surfaces, add 0.5 oz. per gallon of water (1:256 dilution). Treated surfaces must remain wet for 10 minutes. The activity of **MAGNA Q-43** has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC Use Dilution test and found to be effective against a broad spectrum of Gram negative and Gram positive bacteria pathogenic to humans, poultry and animals as represented by:

<i>Pseudomonas aeruginosa</i>	<i>Staphylococcus aureus</i>
<i>Escherichia coli</i>	<i>Streptococcus pyogenes</i>
<i>Klebsiella pneumoniae</i>	<i>Enterobacter aerogenes</i>
<i>Salmonella schottmulleri</i>	<i>Streptococcus faecalis</i>
<i>Shigella dysenteriae</i>	<i>Brevibacterium ammoniagenes</i>
<i>Salmonella typhi</i>	<i>Serratia marcescens</i>

Fungicidal Performance. **MAGNA Q-43** is an effective fungicide against fungi pathogenic to humans, poultry and animals as represented by *Trichophyton mentagrophytes* when used on surfaces in areas such as hatcheries and laboratory animal facilities at 0.5 oz. per gallon (1:256 dilution).

Mold and Mildew Control. At 0.5 oz. per gallon, **MAGNA Q-43** will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Virucidal Performance. At 0.5 oz. per gallon use-level, presence of 5% serum and 400 ppm hard water **MAGNA Q-43** was found to be effective against the following viruses: Influenza A/Hong Kong (representative of many human, poultry and animal myxoviruses), Herpes Simplex Type 1 (representative of many human, poultry and animal herpes viruses), and Vaccinia (representative of many human, poultry and animal pox viruses) on inanimate, hard, non-porous environmental surfaces.

Sanitizing Non-Food Contact Surfaces (such as floors, walls, tables, etc.) At 0.5 oz. per 5.5 gallon use-level, **MAGNA Q-43** is an effective sanitizer against many bacteria pathogenic to humans, poultry and animals as represented by *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

POULTRY AND ANIMAL PREMISES AND HATCHERY DISINFECTION

Direction for use: The following label directions are required for poultry and animal premise and hatchery disinfectants to permit their classification as non-food use products:

1. Remove all poultry, animals and feed from premises, vehicles and enclosure.
2. Remove all droppings and manure from floors, walls, and surfaces occupied or traversed by poultry and animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Clean all surfaces with soap and detergent to remove gross filth or heavy soil and rinse thoroughly with water.
5. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Immerse portable equipment and small items used with poultry and animals.
7. Ventilate buildings, coops, vehicles and other closed spaces and do not house poultry or animals or employ equipment until treatment has been absorbed, set, or dried.
8. Thoroughly scrub all treated feeding and watering appliances with soap or detergent, and rinse with potable water before reuse.